1	IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF NEBRASKA
2	FOR THE DISTRICT OF NEBRASKA
3	THE UNITED STATES OF AMERICA, ) Case Nos. 8:13CR108 and 8:15CR239
4	Plaintiff,
5	vs. )
6	KIRK COTTOM, ) Omaha, Nebraska
7	Defendant. ) December 16, 2015
8	TRANSCRIPT OF PROCEEDINGS
9	BEFORE THE HONORABLE JOSEPH F. BATAILLON UNITED STATES SENIOR DISTRICT JUDGE
10	UNITED STATES SENTOR DISTRICT GODGE
11	A-P-P-E-A-R-A-N-C-E-S
12	FOR THE PLAINTIFF: Mr. Keith A. Becker Trial Attorney
13	U.S. Department of Justice 1400 New York Ave., NW
14	Suite 600
15	Washington, DC 20530  Mr. Michael P. Norris
16	Assistant U.S. Attorney
17	1620 Dodge Street, Ste. 1400 Omaha, Nebraska 68102-1506
18	FOR THE DEFENDANT: Mr. Joseph L. Howard
19	Dornan, Lustgarten & Troia PC 1403 Farnam Street, Ste. 232
20	Omaha, Nebraska 68102
21	COURT REPORTER:  Ms. Susan M. DeVetter, RDR, CRR
22	Official Court Reporter Hruska Courthouse, Suite 3130 111 South 18th Plaza
23	Omaha, Nebraska 68102-1322 (402) 661-7309
24	(402) 001-7309
25	Proceedings recorded by mechanical stenography, transcript produced with computer.

```
(At 8:32 a.m. on December 16, 2015; with counsel and the
1
2
      defendant present:)
                THE COURT: Please be seated.
 3
           This is the case of United States of America versus Kirk
 4
      Cottom, Case No. 15CR239.
 5
           Would the attorneys please enter their appearance for the
 6
7
      record.
                MR. BECKER: Keith Becker for the United States.
 8
 9
      Good morning, Your Honor.
10
                THE COURT: Good morning.
11
                MR. NORRIS: Michael Norris for the United States.
12
      Good morning.
                MR. HOWARD: Good morning. May it please the Court,
13
14
      Your Honor, Joseph L. Howard on behalf and with Mr. Kirk
15
      Cottom.
16
                THE COURT: So, Mr. Howard, you have filed a motion
17
      to withdraw guilty plea in this matter.
18
           And so is this simply -- do you intend to present any
19
      evidence or just argument?
20
                MR. HOWARD: Your Honor, we're going to just argue to
21
      the Court.
22
                THE COURT: Okay. So you may proceed.
23
                MR. HOWARD: Thank you. May I stand?
24
                THE COURT: I'd prefer it, yes.
25
                MR. HOWARD: Good. Thank you, sir.
```

Your Honor, in filing number -- I believe it's 52 [sic] on the new docket, and forget what the other filing number was on the other docket, but essentially, Your Honor, in both cases, we filed a motion to withdraw Mr. Cottom's plea of guilty.

We review Federal Rule of Criminal Procedure 11(d), withdrawing a guilty or no contest plea. A defendant may withdraw a plea of guilty or -- or nolo contendere: (1) before the court accepts the plea.

Well, in this case, Your Honor, the Court has accepted the plea. If you recall, on August 3rd of this last year, we had a motion hearing, sir, and following the disposition of the motion hearing, we went immediately into a plea hearing --

THE COURT: Correct.

MR. HOWARD: -- wherein we presented the Court with a petition for a change of plea as well as a plea agreement, which were both filed in both cases.

Going back to Criminal Rule of Procedure No. 11(d), sub (2), after the court accepts the plea, but before it imposes a sentence.

Okay, so the defendant may withdraw the plea after the Court accepts the plea, in this case, but before it imposes the sentence. Again, this is where we are: If the court rejects the plea agreement or, (B) if the defendant can show a fair and just reason for requesting the withdrawal.

So, essentially, my argument is framed under the -- the

criminal procedure rule.

We need to demonstrate to the Court -- we have to persuade the Court to reject the plea agreement and/or demonstrate to the Court a fair and just reason for withdrawing the plea.

If we look at the plea agreement, and as correctly stated in the response pleadings by the government, a plea agreement is contractual in nature. It's a contract. It's a meeting of the minds.

On August 3rd, we had the -- the hearing in which there was much evidence adduced and presented to the Court. A lot of it came in pretty quickly and we were moving at a pretty rapid clip.

It wasn't until a few days ago, I believe it was

December 7th, that we received the transcript of that

proceeding. And reviewing the transcript of that proceeding,

Your Honor, in particular reviewing pages 74, 75 and 76, we

were reviewing the cross-examination of Special Agent Smith.

And Special Agent Smith testified to the Court that there were

no images on Mr. Cottom's machines that were on TB2. Okay?

And I don't think I need to go back and argue what TB2 was,

sir, but at the time this didn't resonate with -- with

Mr. Cottom. It wasn't until after we reviewed this that

Mr. Cottom definitively said, Joe, I am innocent of these

charges. This new -- and I hate to say "new" because we heard

it on August 3rd, but it really didn't resonate with -- with us

and the defendant.

So what I'm presenting to you, Judge, is that there wasn't a meeting of the minds. Mr. Cottom didn't appreciate the weight of the testimony, didn't understand exactly the weight and the strength of this testimony that came out on August 3rd. It wasn't until he ran through that that he found this and said that's -- that's what I've been looking for.

All along he's -- he's maintained his innocence. And he's correct in his pleading that he was under tremendous pressure from his counsel to -- to take this plea. We're trained to give the best advice possible to our clients, and that's what I was doing. And he -- he entered that plea. But what he's presented --

THE COURT: So --

MR. HOWARD: Sorry.

THE COURT: So let me just stop you right there.

MR. HOWARD: Yes, sir.

THE COURT: So you're saying that in the *Daubert* hearing, and you've cited the pages, 74 to 76, that the agents testified that there were no image matches between TB2 and the defendant's computer, correct?

MR. HOWARD: That's how I understood his testimony.

THE COURT: Okay. The trouble is that there's probable cause to search his computer. His computer is searched. Once his computer is searched, whether they found

```
1
      images from TB2 or not, he's got evidence of possession of
2
      child pornography. So how do you get around that?
                MR. HOWARD: Well, what -- what Mr. Cottom's arquing
 3
      to the Court is that there's no way for this Court or any trier
 4
      of fact to determine that it was, in fact, him that, one,
 5
      obtained those images; two --
 6
 7
                THE COURT: Mr. Huyck tried this same defense and
      he's in jail for five years because he didn't take the deal.
 8
 9
                MR. HOWARD: I've got a couple more points.
10
                THE COURT: Okay.
11
                MR. HOWARD: But I -- I understand what you're saying
12
      loud and clear.
13
           The second argument would be that this is a date-specific
14
      offense. And my client doesn't believe that they can establish
15
      that he was accessing between those particular dates as cited
16
      in --
17
                THE COURT: But don't they have evidence of his
18
      machine accessing one of those servers on a series of dates?
19
                MR. HOWARD: No. They only have a IP access.
20
                THE COURT: Exactly. His IP address.
21
                MR. HOWARD: Right. But there's no --
22
                THE COURT: But it's not him that did it.
23
                MR. HOWARD: And it's not on his machine is what he's
24
      arguing.
25
                THE COURT: Mr. Huyck argued that and I think we've
```

had one or two other trials that have argued that and they've all failed. Because the images are on your client's machine, evidence of the images are. And your client has a high degree of sophistication on how to operate computers. He knows how to wipe machines. He knows how to manipulate machines and all that comes out in the evidence and the only evidence the government has are these old images on his -- on the hard drive of his machine. And you're going to tell the jury that those weren't me, they were somebody else that put those images on there, and it was somebody else that erased -- or tried to erase those images, it wasn't me, because I didn't know I had possession and I didn't receive any of these images. That's your argument.

MR. HOWARD: The -- the -- in part, but also the images -- many of these images were also cached or what's in unallocated space.

THE COURT: Space, right.

MR. HOWARD: Okay. So it -- for the casual user using that machine, they weren't going to necessarily be able to just open it up and see those images. My client asserts that --

THE COURT: Yeah, it would take somebody that knew how to get rid of them, or at least try to get rid of them.

MR. HOWARD: Judge, my client purports to the Court that there's no evidence of any destruction of any of these

```
1
      images or any --
 2
                THE COURT: They're just there.
                MR. HOWARD: He's presenting to the Court that the
 3
      images are simply browser cache and that they're not something
 4
      that he ever personally ever looked at.
 5
           It's unfortunate that they're on his machine, very
 6
 7
      unfortunate, but, again --
                THE COURT: And he has evidence that somebody else
 8
 9
      used his machine? So who's he going to throw under the bus?
10
                MR. HOWARD: I don't have a name for the Court.
11
                THE COURT: Okay.
12
                MR. HOWARD: What he -- what he advised me is that
13
      because he is so involved with computers that he often has
14
      people come over to his house and they stay late and he teaches
15
      them things on how to use the computer and oftentimes he will
16
      leave them unsupervised at his machine. He denied possession
17
      when he was interviewed, when they searched, and but for the
18
      plea, he's maintained his innocence from the beginning.
19
                THE COURT: So he's saying that he lied during the
20
      plea?
21
            (The defendant and Mr. Howard conferred.)
22
                MR. HOWARD: Yeah, Your Honor, he --
23
                THE COURT: No, no. He lied during the plea.
24
      told me that he was in possession, knowing possession.
25
      Correct?
```

1 MR. HOWARD: He was under a great -- yes. 2 THE COURT: Okay. MR. HOWARD: He was under a great deal of stress from 3 He was under a great deal of stress. He had misunderstood 4 me. 5 the evidence, is what he is saying today. And I guess the second part --6 7 THE COURT: So if he goes to trial he can't take the 8 witness stand. 9 MR. HOWARD: Well --10 THE COURT: Because if he goes to trial and takes the 11 witness stand, then the plea colloquy comes out for him because 12 he's already admitted that he did it. 13 MR. HOWARD: Yes. And to back up, he's already 14 waived his right to a jury. So were you to grant this, or you 15 grant this request, it goes to you, Your Honor. 16 THE COURT: Oh, God. 17 MR. HOWARD: So you already know -- you already 18 reviewed the PSI, the PSR. You've already heard him admit to 19 you. So it's -- it's a very uphill task that Mr. Cottom wants 20 to embark on. 21 But it gets to my second point. 22 Under the -- the Rule 11, the defendant must show you a 23 fair and just request for the withdrawal. And I think that 24 goes down to the fact that he'd have to be insane to be asking

for this unless he truly believed that he didn't do this.

```
1
           And so if --
 2
                THE COURT: So it's -- okay. So -- so his fair and
      just reason is he -- first of all, he doesn't think the
 3
      government can prove the case. Correct?
 4
                MR. HOWARD: Correct.
 5
                THE COURT: Okay. All right.
 6
 7
                MR. HOWARD: I can also --
 8
                THE COURT: I'm sorry I keep interrupting you, but go
 9
      ahead.
10
                MR. HOWARD: No. I appreciate you doing that.
11
           I can also advise the Court that the government was very
12
      good as to accommodate a reverse proffer --
13
                THE COURT: So tell me what a reverse proffer is.
14
                MR. HOWARD: It was my first, but Mr. Becker was good
15
      enough as to come back into town and for about two hours, I
16
      believe it was, we sat through a recitation of the evidence
17
      against Mr. Cottom. In a very professional manner, the United
18
      States government sat across the table from us with a monitor
19
      and walked us through step by step. We actually had our
20
      forensic expert sit down with us and -- for that reverse
21
      proffer. And Mr. Cottom was allowed to see every bit of
22
      evidence that the government intends to --
23
                THE COURT: Produce.
                MR. HOWARD: -- show the Court --
24
25
                THE COURT: Yeah.
```

```
1
                MR. HOWARD: -- should we go to trial. And after
2
      reviewing that, it was still my client's wish to withdraw his
 3
      plea.
                THE COURT: Okay. And the basis -- and of course
 4
 5
      I've never seen a reverse proffer.
           So the basis for his -- I mean, what is fair and just that
 6
 7
      requires me to allow him to withdraw his plea based on the
 8
      reverse proffer? I mean, where is the gap? The gap is -- I
 9
      just need to understand from your standpoint what the gap in
10
      the evidence is.
11
           The gap in the evidence is that there is no direct --
12
      there are no images from the server, the TB2 --
13
                MR. HOWARD: That's correct.
14
                THE COURT: -- on your client's hard drive. Correct?
15
                MR. HOWARD: That's what --
16
                THE COURT: That's number one.
17
                MR. HOWARD: Yes, sir.
18
                THE COURT: And number two, the images that are there
19
      are in the browser cache and it's his position that anybody
20
      could have browsed the Internet and those images would have
21
      been stored in the browser cache --
22
                MR. HOWARD: That's correct.
23
                THE COURT: -- in unallocated space?
24
                MR. HOWARD: Yes. His assertion to the Court is that
25
      there are no -- there are no true images. Everything is a
```

```
1
      thumbnail or cache.
 2
                THE COURT: And I've seen those and I understand what
      those are, but they can be brought up if somebody has
 3
 4
      appropriate expertise because the government's able to bring
 5
      them up. Okay.
                MR. HOWARD: And --
 6
 7
                THE COURT: And what else?
 8
                MR. HOWARD: Well, you know, we -- we -- he -- we had
 9
      believed that they -- that there were, in fact, images from TB2
10
      on his machine up until the 3rd -- August 3rd, that hearing.
11
      I -- I guess to me it didn't resonate as much at the hearing.
12
      And then reviewing the transcript, the way he interprets that
13
      is essentially as new evidence.
14
                THE COURT: Okay. So how -- how does the government
15
      identify your client, other than his IP address on TB2?
16
                MR. HOWARD: I don't think that -- our position is
17
      that they can't.
18
                THE COURT: Well, then how did they?
19
                MR. HOWARD: I'm sorry?
20
                THE COURT: How did they get your client's name out
21
      of the universe of people that are using the Internet?
22
                MR. HOWARD: Well, the IP address that the NIT
23
      identified was then backtracked through subpoena process --
                THE COURT: Okay.
24
25
                MR. HOWARD: -- and that --
```

```
1
                THE COURT: So his IP address shows up on the --
 2
      because of the flash drive.
                MR. HOWARD: That's correct.
 3
                THE COURT: Okay.
 4
                MR. HOWARD: Um-hum.
 5
                THE COURT: And when he was -- when the IP address
 6
      viewed TB2 is on -- is identified by the government. And he
 7
      doesn't have an alibi for that time, correct?
 8
 9
                MR. HOWARD: One moment, please.
10
            (Mr. Howard and the defendant conferred.)
11
                MR. HOWARD: Mr. Cottom argues to the Court that the
      viewing wasn't in fact a viewing by a -- by a person, because
12
13
      there's no --
14
                THE COURT: Who's the person? Or is it not your
15
      client? I mean, that's why I say an alibi. Does he have an
16
      alibi or not? And if he doesn't, then it seems to me that
17
      we're in a bad situation for him.
18
            (The court reporter requested clarification.)
19
                THE COURT: So it was a machine and no person
20
      attached to it. It just -- I understood you to say that it
21
      wasn't him, it was somebody else.
22
                MR. HOWARD: Well, I -- maybe it wasn't even a person
23
      because Mr. Cottom asserts that there's an index of --
24
            (The defendant conferred with Mr. Howard.)
25
                THE COURT: Your client is either on the record or
```

```
1
      he's not on the record so --
 2
                MR. HOWARD: I think it should be on the record.
 3
                THE COURT: Okay.
                MR. HOWARD: Mr. Cottom, would you like to address
 4
 5
      the judge?
                THE DEFENDANT: Yes.
 6
 7
                MR. HOWARD: Why don't you stand.
 8
                THE DEFENDANT: I got the source code for the TB2
 9
      site. And there's two web pages that I'm accused of viewing.
10
      The first one is the girls/index page and the second one is
11
      1481. If you -- on the source code for girls, the index page,
12
      there is no link for 1481 on that page. So there's no way to
13
      click to go to the next page.
14
                THE COURT: So they just made up the number and came
15
      up with your IP address?
16
                THE DEFENDANT: Well, JavaScript had to be enabled
17
      for the NIT to work on TB2, so JavaScript can easily make it
18
      seem like --
19
                THE COURT: Say what?
20
                THE DEFENDANT: JavaScript can make it seem like you
21
      visited thousands of sites. I don't know if you've ever
22
      clicked on the wrong link and the JavaScript takes over and
23
      opens multiple windows. That's what JavaScript can do.
24
           And the fact that there's no link for 1481 on that
      qirls/index page --
25
```

```
1
            (The court reporter requested clarification.)
 2
                THE DEFENDANT: There's no link for 1481.html, the
      girls/index page, so a human couldn't have followed that link.
 3
      It would have to have been direct.
 4
                THE COURT: It would have to have been what?
 5
                THE DEFENDANT: It would have to have been direct.
 6
      And, you know, they said that I came into the page and --
 7
 8
      There's just this one visit during the entire sting, 14 minutes
 9
      after it started. And that link, for the second page --
10
      because the NIT only hit on two pages. And that link isn't
11
      there. So you couldn't click it.
12
                THE COURT: All right. Anything else, Mr. Howard?
13
            (Mr. Howard and the defendant conferred.)
14
                THE COURT: So, gentlemen, let's just go off the
15
      record for a little bit. Let me get my notes caught up and
16
      then when I'm ready we'll start again.
17
                MR. HOWARD: Thank you, sir.
18
            (Mr. Howard continued to confer with the defendant.)
19
                THE COURT: All right. If we could go back on the
20
      record.
21
           So, Mr. Howard, anything further?
22
                MR. HOWARD: Yes. Mr. Cottom would like to say a
23
      couple more things to you, Your Honor.
24
                THE COURT: All right.
25
                THE DEFENDANT: In the -- there's three people who
```

examined it, my hard drives: Adrian, Paul, and Robert Webber.

And I would use their testimony to prove my contentions, what I'm arguing to the Court. I would use them. It's in their reports. There's exculpatory information in the reports but they hide it in a -- in kind of a clever way. But it's there. I mean, they say that -- from what I've seen from the appellate decisions they have to prove that, you know, you were searching for child -- child pornography. And Adrian examined most of my devices. She [sic] found no files of interest on most of my devices. And she also did a diligent review of the search terms of the three browsers that were on the -- the computer. And she did an extensive keyword search through there to find evidence of that and she found nothing.

And so -- Paul also did a beautiful job of examining the hard drives and he also found no actual files were on the computer. What he found was browser cache and he found thumbnails. And he -- he doesn't say explicitly, but I can read in his -- that he would testify that all those thumbnails referred to truka vines (phonetic) that he could not find, and she did not find any.

And so what happens is, if someone plugs a thumb drive into your computer and that thumb drive happens to have a folder that has these images on it, it will show up in that hidden thumbnail directory. And he documents that. And that's what his report says.

1 (Mr. Howard conferred with the defendant.) 2 THE DEFENDANT: Robert -- for SA Smith's testimony, is what -- on the 3rd of August, is what really got me upset. 3 Because Robert Webber issued this final report on December 4 13th --5 MR. HOWARD: Of 2014. 6 7 THE DEFENDANT: -- of 2013, I think. (Mr. Howard and the defendant conferred.) 8 9 THE DEFENDANT: But it was Robert Webber. And he 10 says that he found hash matches for all three of the sites for 11 this investigation. And he didn't declare that these were all 12 also in rekong browser cache. And SA Smith also testified that 13 these images that are in Robert Webber's report did not come 14 from those three websites. And he knew that. These were from 15 other websites. 16 And I didn't learn that until recently when I was really 17 examining it. Because I don't know if you read the note that I 18 wrote you or not, but all my concentration was on trying to 19 defeat the NIT at the Daubert hearing. 20 THE COURT: Okay. 21 THE DEFENDANT: And a lot of people have tried to 22 help me with it but it's very hard to get, you know -- it's --23 it's a very specific expertise. And you need a different 24 expertise to actually -- to have this, but I'd always suspected 25 that it was always browser cache. And then when I saw, how I

```
1
      explained, that these two hits couldn't have happened by a
 2
      human because that second link isn't there, that's what really
      got me incensed.
 3
                THE COURT: All right. Thank you.
 4
                THE DEFENDANT: There's more technical things I can
 5
      get into about the gallery.php, which is actually the back end
 6
 7
      that runs this. And I've -- I know a lot about that.
 8
                THE COURT: Well, and that has to do with your
 9
      hearsay objection.
10
                THE DEFENDANT: Exactly because what it --
11
                THE COURT: Well, your hearsay objection is a legal
12
      argument.
13
                THE DEFENDANT: Yes.
14
                THE COURT: And I'm not persuaded by your legal
15
      argument on the hearsay objection.
16
                THE DEFENDANT: Okay.
17
                THE COURT: And so that would be a matter of law that
18
      you can take up with the court in the circuit, but I'm not
19
      persuaded by the hearsay objection.
20
                THE DEFENDANT: Okay.
21
                THE COURT: All right. So let the government have an
22
      opportunity to respond and then I'll come back to you,
23
      Mr. Howard.
24
                MR. HOWARD: Thank you.
25
                THE COURT: All right. So just give me a second
```

here, Mr. Norris.

All right. So, Mr. Norris.

MR. NORRIS: Your Honor, if we may, I'm going to address the argument and then I'm going to defer to Mr. Becker for any more technical responses to some of the allegations.

THE COURT: All right. Let me just -- let me just start with a couple of observations and then -- and then we'll proceed from there.

MR. NORRIS: Sure.

THE COURT: Now, the plea agreement is really clear that Mr. Cottom cannot withdraw his guilty plea. That's part of the plea agreement. And I understand the contractual obligation that Mr. Cottom has set himself up for under the law and that the standard for withdrawing the guilty plea is very high, especially when there's a plea agreement.

But at the same time, I'm concerned about the rules effect that the defendant -- if the defendant can show a fair and just reason for requesting a withdrawal, that he ought to be able to -- I don't want to say notwithstanding the plea agreement, but at least in consideration of the plea agreement.

So I -- I understand the government's argument with respect to the plea agreement. And I understand the import of the government's argument with respect to the plea agreement and the obligations under the plea agreement.

I would like to hear the government's response with

respect to the fairness issues. That's really what I'm interested in.

So if you -- you can proceed.

MR. NORRIS: And that's what I intended to do. I think the brief speaks for itself as far as the waiver. I think the plea agreement speaks for itself as far as the waiver.

So I -- what you're really looking at, is there a fair and just reason? There's no other prong under the law, other than is there a fair and just reason? There's no reason to reject the plea agreement. Nothing has been proffered. Nothing has been suggested.

And I would submit to you that a desire to continue to drag this out so that I don't have to go to prison is not a fair and -- and just reason for insisting upon the withdrawal of the plea.

Now, you -- you've done in your questioning a good job of setting forth many of the arguments that we're going to talk to you about. The fact that there was -- the NIT itself shows up on his -- through the Flash application. We know that his IP address was on TB2.

The suggestion that it could have been done by a machine or done something else the Court knows is belied by the evidence that the government would present and has presented in other cases. If you hit TB2 on the Tor network, you are not

going to -- the NIT is not going to deploy. You have to physically go beyond the TB2 title page and you have to get to sites on TB2 in which there is child pornography. And that's when the NIT deploys.

So that is -- the suggestion that some machine did this or that this was not a intentional act is belied --

THE COURT: I think his assertion though is, is that you can -- you can be on a web browser and that you can open the menu page and the JavaScript will open the follow-on pages and then -- automatically, and then that'll trigger the Flash application.

MR. NORRIS: I'm going to defer to Mr. Becker on that, but that's not -- that's not how the NIT was designed to work.

THE COURT: Okay.

MR. NORRIS: The NIT was designed to work to make sure that if you -- first of all, you've got to go to the Tor network. So when you go to the Tor network, then you have to start looking for child pornography on the Tor network. And then when you get to that -- that TB2 cover page, for lack of a better term, it's still not going to deploy. And then you have to go somewhere where the NIT will deploy before it deploys.

Whether or not JavaScript can impact that at any level, I find it hard to believe that JavaScript is negotiating your way through the Tor network to a child pornographic site, to an

1 area that --2 THE COURT: I don't think that -- I think his assertion is that he -- that JavaScript doesn't negotiate him 3 to the -- to the web -- to the web page or the website, but 4 that JavaScript automatically opens up all of the pages behind 5 the menu. 6 7 MR. NORRIS: Okay. THE COURT: Okay. And you're saying that the -- that 8 9 it's not designed to do that. 10 MR. NORRIS: I'm saying that's a ridiculous argument 11 because you still have to drive the car all the way to where 12 you intend to be. And then -- it's not like the automatic car 13 drives you the rest of the way. That's not -- that should not 14 be an excuse. 15 THE COURT: Okav. 16 MR. NORRIS: The IP also, as the Court is aware, 17 gives up what your operating system is. And it gives up the 18 architecture of -- of your computers. 19 So the NIT --20 THE COURT: Would it give up -- if there's a thumb 21 drive attached, would it give up that architecture or not? It 22 doesn't, does it? It just gives you the operating system but 23 not the storage system, correct? MR. NORRIS: I don't know the answer to that. 24

perhaps Mr. Becker does. So if he does, I'm going to defer to

him and ask him to answer your question.

THE COURT: I don't recall that it did in any of the evidence that we've seen.

MR. NORRIS: I don't think it did in any of the evidence we've seen but I'm taking it a step further as far as the technology goes.

THE COURT: Okay.

MR. BECKER: And that's fair, Your Honor. So I think it's important to recall, because the defendant confuses these issues, is that there are multiple pieces of evidence that come from multiple sources, in terms of the full picture of evidence against the defendant.

And so the government was in control of the website TB2 and that means there are logs of activity from that website. That's one batch of evidence. And some of the government's evidence comes from those logs, including Apache logs which Special Agent Smith testified about at our last hearing.

Then there is also information that is generated and collected via use of the NIT, and that's a separate batch of information.

Then this information gets put together to create a full picture.

Now, the NIT generates -- or the NIT causes an action that generates IP address information, an operating system, the architecture, and I believe that was it for this -- this

particular NIT.

And so the NIT tells you here's an IP, here's what sort of operating system. And in this case that was Mr. Cottom's IP and a Linux operating system.

Now, you combine that with data from the logs from the website, you get some additional information.

THE COURT: So stop for me.

MR. BECKER: Sure.

THE COURT: You get the IP address, you get the operating system, and what else do you get?

MR. BECKER: The operating system architecture --

THE COURT: Oh, the architecture, all right.

MR. BECKER: -- is the other piece.

THE COURT: All right. I'm sorry. Go ahead.

MR. BECKER: Now, you combine that with the other information from the board logs and that includes a -- as Special Agent Smith testified about, a browser string. And so that tells you what kind of web browser is this user deploying. And here that was rekonq, R-E-K-O-N-Q, which is the -- a web browser for the Linux operating system.

And so you put those pieces of evidence together and you have a user from Mr. Cottom's IP with a Linux operating system and a rekonq browser. Special Agent Smith testified at our last hearing he reviewed the Apache web logs for the TB2 website and the -- there was one instance, while the government

```
1
      was in control of TB2, one, where someone with a Linux
 2
      operating system and rekong browser accessed the site, and it
      was Mr. Cottom's IP, and that's it.
 3
           So, you know, that's the full picture of the evidence just
 4
      from the server side and -- from the board side of things.
 5
                THE COURT: Okay. And so what's the evidence about
 6
      what the rekong browser was doing at that time? How much --
 7
      how much -- how much time was it on --
 8
 9
                MR. BECKER: Right.
10
                THE COURT: -- and what pages were accessed?
11
                MR. BECKER: So the -- and we went through this in
12
      detail in the reverse proffer with Mr. Cottom.
13
           The browser navigates to the home page of the website,
14
      then to the girls forum, it's actually called PT Girls,
15
      although it shows up in the log as the girls forum.
16
                THE COURT: Okay. And how many forums are there?
                MR. BECKER: I -- I don't --
17
18
                THE COURT: More than one?
19
                MR. BECKER: There are more than one.
20
                THE COURT: But this -- they only -- this browser
21
      only accessed one?
22
                MR. BECKER: Yeah, so it's --
23
                THE COURT: Okay.
24
                MR. BECKER: -- home page, PT Girls forum, a
25
      particular thread message -- a message thread with images
```

1 within the PT Girls forum that's number 1481. That's just a 2 number the website assigns for different message threads. THE COURT: And there's -- there's -- there are --3 there are the possibility of more than one thread for this 4 5 forum? MR. BECKER: Yes. The PT Girls forum --6 7 THE COURT: Okay. MR. BECKER: -- has a number of message threads with 8 9 images that are embedded within them. 10 THE COURT: Okay. Go ahead. 11 MR. BECKER: And then also the second page of the -the second page of that PT Girls forum -- and I don't have my 12 13 note -- I don't -- I apologize, Your Honor, I don't have my 14 notes with me. It's either the second page of the PT Girls 15 forum or the second page of thread 1481 and I just don't have 16 that with me right now. 17 And those are the actions that are commemorated by -- by 18 the board side. And we've shown the defense all of the images 19 of child pornography that exist, particularly on, not only the 20 PT Girls forum, but on the thread 1481. There are a number of 21 them, about 30, of prepubescent girls posed lasciviously and 22 also images that include penetration of prepubescent --23 prepubescent females -- or female or females. And so that's -- that's the board side. Again, that's 24

accessing with intent to view from Kirk Cottom's IP address on

```
1
      November 18th of 2012.
 2
                THE COURT: And you can -- you can pinpoint the time
      though, exact as well, correct?
 3
                MR. BECKER: Yes. There are date and time signatures
 4
      for all of those actions from the board logs.
 5
                THE COURT: And do you recall how long the IP address
 6
 7
      was on the server?
                MR. BECKER: It's about -- in terms of the -- in
 8
 9
      terms of that full browsing session, it's -- it's not -- it's
10
      not lengthy. The defendant's -- that's not incorrect. It's
11
      probably ten minutes.
12
                THE COURT: Okay.
13
                MR. BECKER: Fifteen maybe. And I just don't have
14
      the figures in front of me. But that's --
15
                THE COURT: Generally.
16
                MR. BECKER: -- all disclosed to the defendant
17
      year -- a year ago or more.
18
                THE COURT: Correct.
19
                MR. BECKER: I mean, that's information the defense
20
      has had since the beginning of discovery in this case.
21
                THE COURT: And discovery started in -- it started
22
      last year?
23
                MR. BECKER: Longer, no. So the defendant was
24
      charged in April of 2013.
25
                THE COURT: Okay. All right. Thank you.
```

1 MR. BECKER: And so it would have been shortly 2 thereafter, initially provided to Mr. Gross. THE COURT: Go ahead. 3 MR. BECKER: So, you know, that's -- that's the board 4 5 side. There's no evidence that these actions could have been 6 robot-generated or, you know, not user-generated. And, you 7 8 know, Mr. Norris's analogy is totally on point, and that's that 9 even if the defendant is -- is going to say, well, the rest of 10 the actions could have been automatically generated by Java, 11 which we dispute, he's admitting that he went there. In order 12 to make that argument, he's just made the admission, well, I 13 went to the website --14 THE COURT: Well, he's saying --15 MR. BECKER: -- but the rest of those actions --16 THE COURT: -- his IP went to the website. 17 MR. BECKER: Sorry. Someone who he refuses to name 18 in his failure and refusal to give any alibi went to the 19 website and then the JavaScript took over from there and who 20 knows what happened. 21 There's no actual evidence though of that. And, of 22 course, the defendant's had a team of experts that looked at 23 the website and the NIT. Did they report anything like that? Did they report that, well, we found some JavaScript code that 24

appears to have the ability to create user actions where there

1 were none? No, they didn't. 2 Has Mr. Kasal, who's had a chance to examine all these things, reported any information that this website had some 3 4 malicious ability to create user actions where there were none? 5 No. There's no evidence in the record to -- to support any 6 7 sort of argument like that. So, you know, that -- and frankly, Special Agent Smith's 8 9 testimony we think was clear on all these points. The Court 10 has the transcript of that. 11 He also spoke to the rest of the issues that I'll get to 12 now. And that's -- so that's the board side, the server side 13 of things. 14 And then we have a number of months later the search of 15 Mr. Cottom's home and the recovery of evidence. 16 Now, of course, the set of evidence that is recovered by 17 the government is necessarily incomplete because there is a 18 fully encrypted laptop computer that is seized but that we 19 cannot examine. And so that's always going to be a factor and

a circumstantial factor here.

THE COURT: Okay, just a second.

Mr. Cottom --

20

21

22

23

24

25

THE DEFENDANT: Oh, sorry.

THE COURT: If you're going to talk to your lawyer, you need to turn the microphone away and you need to be quiet

1 enough so that it doesn't interfere with my court reporter's 2 ability to take down the testimony. 3 THE DEFENDANT: I'm sorry. THE COURT: Or to take down argument. 4 5 So Mr. Becker, you may continue. MR. BECKER: Thank you. 6 7 THE COURT: So we're talking about the government 8 seized an encrypted computer, okay. 9 MR. BECKER: Yes. 10 THE COURT: And then from there? 11 MR. BECKER: So one of the devices, fully encrypted, 12 unable to be examined. So that's a piece of the evidence there 13 and an important one. Because Mr. Cottom's argument is, well, 14 there's an absence of -- well, there -- he ignores the 15 inculpatory facets of evidence and says, well, there's stuff 16 they didn't find and therefore that's exculpatory. 17 Well, what is there, of course -- and let me clarify the 18 issue with the images from TB2. We've made this very clear 19 from the start and from when this was disclosed to prior 20 There are 11 images of child pornography on the counsel. 21 defendant's devices that were available on TB2. And so 22 here's -- and here's how that breaks down. 23 There are -- you know, let's just use round numbers. 24 Let's say there are a thousand images of child pornography on 25 the TB2 website. The FBI created a hash set for those images.

That means they took the hash value of each image, the unique numerical value, and then created a list. And so when you're searching a machine, you can then run that hash list against the machine and figure out, okay, does this person have any images that were available on this website? And that's what was done.

And there are 11 images on Cottom's machine that were available on TB2.

Now, that doesn't --

THE COURT: All the images were on his unallocated space in his browser cache, right?

MR. BECKER: That's correct. They were either cache or in unallocated space. That's correct. Now, that doesn't mean necessarily that the images were downloaded from TB2. What that means -- it's circumstantial evidence. What that means is that those were images that were available on that website.

Now, from a visual comparison, and we ran through this with the defendant, one of those images on his computer is an exact match for one of the images on one of the pages on TB2 that he accessed. And we have shown the defendant that.

So it's on his computer. It's in unallocated space. It was carved during exam. And it is an exact match for one of the images on one of the pages that he accessed when we captured his IP.

```
1
                THE COURT: It's -- okay. It's visually exact but
 2
      the computer's signi- -- so there's three things, really.
      There's the hash value, that's one. And so you've identified
 3
      11 images that have the same hash value on his computer and on
 4
 5
      the website.
                MR. BECKER: Yeah.
 6
 7
                THE COURT: The other is a visual comparison and
 8
      you've identified one of those.
 9
           And the other would be some kind of digital comparison.
10
      And I've never heard anything about that because nobody's got
11
      down to that far --
12
                MR. BECKER: I guess we can ignore three.
13
                THE COURT: Right.
14
                MR. BECKER: There's just one and two.
15
                THE COURT: Okay. From your standpoint.
16
                MR. BECKER: Right.
17
                THE COURT: Okay.
18
                MR. BECKER: And, you know, Special Agent Smith's
19
      testimony at the hearing was very clear. That doesn't tell us
20
      this image was downloaded from TB2. And Special Agent Smith,
21
      again, totally clear about that testimony.
22
                THE COURT: Okay. Is there any -- is there any way
23
      that you can trace an image that was downloaded from TB2 to
24
      anybody's computer, once you get the other computer?
25
                MR. BECKER: So yes and no. There wasn't anything
```

that was deployed on the website by the FBI that would necessarily do that.

Sometimes, depending on the image you're examining, so when you look at -- when we're looking at images on Mr. Cottom's devices, there is information in some of those images that tells us what website was this downloaded from. And we went through this with Mr. Cottom as well. So there are a number of images in either browser cache or unallocated space where there was metadata within the image. And the metadata told us it came from a Tor network child pornography website.

THE COURT: Oh, okay. But not what website?

MR. BECKER: It's a manual process and so there's 2,000 or so of those images. The examiner went through about eight of them. Because it's a manual process, it takes time. And each of those eight images the examiner went through had been downloaded from a Tor network child pornography website. Those are the images that made up the receipt charge in the Western District of New York indictment. Because there are dates and times of the receipt and we know what website those images came from.

THE COURT: Okay.

MR. BECKER: And so that's the receipt charge. Again, we went through this with him.

Now, given further time, the examiner could go through another thousand of those images. It's just that that process

is manual and takes a great deal of time. So it is possible to figure out, even for unallocated and browser cache images, what website did they come from and when. Sometimes that metadata's there and sometimes it's not.

THE COURT: But the metadata doesn't show that it came from TB2?

MR. BECKER: The eight images that we pulled that data from did not show that they came from TB2. They were from other Tor network child pornography websites, which of course is in and of itself inculpatory evidence --

THE COURT: Exactly.

MR. BECKER: -- because also on Mr. Cottom's computer is a large amount of evidence of browsing of known Tor network child pornography websites.

Now, the -- the browser evidence that -- that was found in his computers didn't find evidence of browsing of TB2. He -- they're aware of that. But website after website, Tor network child pornography website after Tor network child pornography website in the browsing history are there.

THE COURT: Okay. And in the browsing history does -- is there enough metadata or enough data to show the times and dates of the browsing or not?

MR. BECKER: Yes, there are -- there are dates and times in that browsing history, as well as if you -- when you look at the URLs, the Court's seen similar testimony to this,

when you look at a website URL, oftentimes there's an image, like a dot-JPEG at the end that tells you, okay, this person's, one, on a Tor network child pornography website; and, two, by the URL you can tell, oh, they're looking at an image, looking at another image. And that sort of evidence is there. We've gone through it with the defendant.

THE COURT: Okay.

MR. BECKER: And so, you know, it really -- I think that where we're stuck here with Mr. Cottom, just really appears to be a failure to appreciate the legal premise of circumstantial evidence here. And the fixation on, you know, the -- there's not -- the exact images that were captured on the board, but for one, are not on my computer or they can't say -- can't prove that those images are on my computer and -- THE COURT: Or that I was the one that actually did it.

MR. BECKER: Right. Now, on that point, Judge, of course the government's evidence, and I -- is that -- Mr. Cottom lives alone. The user account name that pertinent evidence is found under is adama, A-D-A-M-A. It's a name that's pertinent to the television program Battlestar Galactica.

Mr. Cottom admitted to law enforcement that that is his username. And that's -- that's the username that he used on his computers.

There wasn't anyone -- there wasn't anyone in the -- you know, in the home at the time that they searched it.

Mr. Cottom admitted using -- knowing how to and using Tor.

And, in fact, made at least a sarcastic admission to the government during that interview that he might have looked at some other things while he was drunk but gave a sort of general denial of child pornography.

And so it's not as if there's not other inculpatory evidence obtained through the search and the interview. We obviously -- we didn't have a trial. We haven't presented all of that --

THE COURT: Right.

MR. BECKER: -- because the defendant admitted he's guilty.

And, you know, of course I think added to this in terms of the fairness here, Judge, is that, you know, the government's made substantial efforts here in its negotiations with

Mr. Cottom to allow him to continue to pursue the issues — the legal — you know, what he sees as the legitimate legal issues that he wishes to pursue on appeal, and that is his challenge to — the suppression challenge to the network investigative technique, his challenge to the discovery, slash, Daubert issues that the Court dealt with at hearing. And, you know, the government ultimately was — we were willing to concede to a bench trial and agree to a bench trial, we didn't have to, we

```
1
      were willing to enter into a conditional plea agreement when
 2
      obviously we don't have to, in order to accommodate his
      concerns. We've made information available again and again to
 3
      experts for review.
 4
           And it's un- -- maybe unfortunate that Mr. Cottom doesn't
 5
 6
      agree with his experts or his counsel or anyone, so far as I
 7
      can see, but I think those are all legitimate factors in terms
 8
      of Your Honor's analysis of what's fair and just here given the
 9
      contractual agreement that we ultimately came to with him and
10
      what the government's made available.
11
           So unless Your Honor has any further questions, I think
12
      that's all that we have to present on that issue.
13
                THE COURT: All right. I'll -- Mr. Howard, I'll give
14
      you a chance to respond but I think we need to take about a
15
      ten-minute break and then we'll come back and then you can
16
      respond.
17
                MR. HOWARD: Thank you, sir.
18
                THE COURT: You're welcome.
19
            (Recess taken at 9:25 a.m.)
20
            (At 9:45 a.m. on December 16, 2015; with counsel and the
21
      defendant present:)
22
                THE COURT: Please be seated.
23
           Mr. Howard.
24
                MR. HOWARD: Thank you, Your Honor.
25
           Your Honor, just to respond to what the government has
```

presented to the Court. Mr. Cottom's contention to the Court today, Your Honor, is that on the 3rd, had he understood and appreciated the testimony of the special agent, he really would not have gone through with this.

And what he's essentially telling the Court is that he now understands, having reviewed the transcript and having gone through the reverse proffer, that all the government has is — is browser cache for the receipt charges and all the government has is thumbnails for the possession charge.

He heard from the special agent on August 3rd, and then kind of came to this better understanding after receiving the transcript, that there are no TB2 images on his machine.

He also wants to reiterate to the Court that there really is no, despite what the government contends, there really is no browsing history. There's browser cache. But in terms of history of searches, there is no browser history on his machines.

And the government contends, regarding the NIT and the Java, that it's impossible that a JavaScript could have taken over and essentially taken -- taken the user from place to place to place.

What he is going to argue at trial, should you grant the motion, is that, yes, it could have. And the way it could have is the experts in our case acknowledged in their supplemental report that it is possible to run the NIT on what's called an

1 IFrame. And the contention will be, should we go to court, as 2 I understand it, is that whenever a Tor session is executed or begun, there is an entry node and an exit node. And 3 Mr. Cottom's speculation in this case is that, upon the entry 4 5 node, somehow a hacker, perhaps, inserted an IFrame which then would circle the session back to a TB2 site and then take it 6 7 from there, bouncing from -- from site to site. (The defendant conferred with Mr. Howard.) 8 9 MR. HOWARD: Yeah. And, you know, he just 10 interjected in my ear and said maybe I should explain that. 11 I'm going to defer to him on that theory. 12 THE COURT: Okay. 13 MR. HOWARD: And -- but I am going to also point out 14 that -- we talked -- the government talked about the adama and 15 how adama is this character from Battlestar Galactica, but my 16 client advises me if you're allowing us -- if you allow us to 17 go to trial, if you grant our motion, he's going to testify 18 that adama has no rekong browser. And, further, that adama was also the -- essentially the guest login. He's got his own 19 20 login under Kirk but -- What's that? 21 (The defendant conferred with Mr. Howard.) 22 MR. HOWARD: Oh, I'm sorry. It's opposite. 23 was his but Kirk was for the friends that would come over and 24 use his machine.

I'm going to now defer to Mr. Cottom, who's going to

better explain his theory on how the -- the NIT could have been interjected with an IFrame.

THE COURT: All right. Just be sure to speak up, sir.

THE DEFENDANT: Okay. Since you've had enough of these trials, you know how Tor works. Has entry node, middle node and exit node. If you have a malicious exist node, it can inject IFrames into your stream. And they can be hit. So you can be at "how does Tor work" site. And if the exit node is injecting you, every time that you click another link, it can inject another IFrame.

Now, the problem with the way the NIT was designed on TB2, in my opinion, is that they actually forged the entries for the request\_URI, in the visitor's table. The visitor's table is what holds the session ID that the NIT creates. Okay? So that is your only tie to what the Flash app sends back, if you understand me.

They forged the -- when I saw that the request\_URI and the referral are the same page, that's when I knew that something was going on. Because if this was a legitimate entry, when you go into girls/index.html and then you click 1481, which I've informed the Court that link was not there, but if that link was there, you click that link, the referrer would then be the girls/index.html. And your -- your request\_URI would be the girls/res/1481.

1 And so when I saw this on my NIT report, that these two 2 entries were the same, that either indicates a reload or a script was at work, performing the actions that you're seeing. 3 And so when I finally got the gallery.php, I saw why the 4 request URI the Court was seeing. They're forging the 5 6 request URI with a hidden IFrame inside girls.html and 7 1481.html. And they have a query string. A query string is a 8 bit of data that you can put out into your request for the 9 IFrame page. They use that guery string to fill in the 10 request URI. 11 So, set up correctly, they're saying that when you went to 12 girls at HTML, they use this query string to input this is a 13 request URI. The problem is, is that you can put that IFrame 14 anywhere on any website and it would still enter that way. If 15 you follow me. 16 THE COURT: All right. Thank you. 17 All right, Mr. Howard, you may continue. 18 (Mr. Howard and the defendant conferred.) 19 MR. HOWARD: I think I've -- I've covered the points 20 that I wish to make. I'm going to ask the Court again to grant 21 our motion. 22 THE COURT: All right. Let me -- let me review my 23 notes. 24 All right. And the problem with the plea agreement is, is

once the plea agreement is entered into, it's really almost

impossible to back out of these plea agreements.

The Court goes through a long colloquy, asks the defendant questions under oath to be sure the defendant is doing what he wants to do.

And I have no doubt that on the day the plea colloquy occurred, that Mr. Cottom wanted to plead guilty. That was his decision.

Now he's telling me that if he had some additional information, which was included in his review of the *Daubert* hearing, and his reverse proffer with the government, that he would not have decided to take the plea agreement because he doesn't think the bargain that he made at the plea colloquy was in his best interests. And so he wants to change it.

And he's -- and he has two hurdles to overcome. One are the terms of the plea agreement, which basically waive his right to withdraw the plea, and he -- he did that freely and voluntarily at the time of the plea colloquy.

The second is, is that he has to convince the Court that there is a fair and just reason for withdrawing the plea.

I -- it could be argued that if a defendant wants a trial, the defendant ought to be able to get the trial and that in itself is a fair and just reason.

But I -- and I don't think that legally that's the standard, frankly.

And so the defendant effectively has to demonstrate to the

Court that the basis for his decision had some element of unfairness, whatever that might be, or that his defense effectively should carry the day and he should be allowed to present his defense at a jury trial.

I've tried two or three of three cases. Judge Smith Camp tried one of these cases. None of these cases have ever resulted in a defendant's verdict.

I tried Mr. Huyck's case, which was probably the thinnest case the government had for conviction, in fact, the government basically asked the Court to include a lesser-included because I'm -- I think the government was not convinced its case was as strong as some of the other cases that were presented, and Mr. Huyck was found guilty.

I think that I -- I -- I am convinced that Mr. Becker's argument carries the day, and that is that the defendant is not looking at all of the other circumstantial evidence that the government has that would persuade a trier of fact that he's guilty.

And his technical arguments with respect to the connection to the NIT and his -- his IP address's connection to the TB2 server do not explain how the government got his IP address and then once they did how they found a computer that had cache that had child pornography images.

And once that happens, then it seems to me that it's inevitable that Mr. Cottom would be convicted at trial under

```
1
      the circumstantial evidence.
 2
           Now, I know that he's waived a jury trial. I haven't
      heard all the evidence. It's possible that I could be
 3
      persuaded that beyond a reasonable doubt the government hasn't
 4
      proved its case, but based on what I've seen so far, I don't
 5
      know that I can say that unequivocally.
 6
 7
           And -- and -- so the fairness issue really, I think, is
      unavailing to the defendant.
 8
 9
           So I'm going to deny the motion to withdraw the guilty
10
      plea.
11
           We're set for sentencing tomorrow. So I'll see everyone
12
      there.
13
           Is there anything further, Mr. Norris?
14
                MR. NORRIS: We do have a pretrial issue that we're
15
      still awaiting on that I think probably should be done before
16
      sentencing.
17
                THE COURT: And that is?
18
                MR. BECKER: It's the defendant's compliance with
19
      pretrial release. I think there is a violation report on
20
      that --
21
                THE COURT: Oh, yeah --
22
                MR. NORRIS: We can do that --
23
                THE COURT: I'll just take that up during sentencing.
24
                MR. BECKER: All right. The only other issue is that
25
      the Court had indicated that it would issue a written ruling on
```

```
1
      the --
 2
                THE COURT: On the Daubert?
                MR. BECKER: -- on the Daubert hearing.
 3
                THE COURT: Oh. Well, I'll double-check on that.
 4
      I -- the Court may have dropped the ball on that issue. But
 5
      I'll double-check. There might be a draft that I haven't
 6
7
      reviewed yet.
 8
                MR. BECKER: Okay. Thank you, Your Honor.
 9
                THE COURT: Okay? All right. Mr. Howard, anything
10
      further?
11
                MR. HOWARD: No. We'll see you tomorrow, sir.
                THE COURT: All right. We're adjourned.
12
13
           (Recess at 10:01 a.m.)
                                    * * *
14
15
16
17
18
19
                         CERTIFICATION
20
           I, Susan M. DeVetter, RDR, CRR, certify that the foregoing
21
      is a correct transcript from the record of proceedings in the
22
      above-entitled matter.
23
24
        /s/ Susan M. DeVetter
                                         January 20, 2016
        Official Court Reporter
                                                  Date
25
```